

Title: US-10-560-433-2
 Perfect score: 20
 Sequence: 1 tcaccccaatcattgtcc 20
 Scoring table: OLIGO_NUC
 Gapop 60.0 , Gapext 60.0
 Searched: 9073515 seqs, 5397694045 residues
 Word size : 15
 Total number of hits satisfying chosen parameters: 177
 Minimum DB seq length: 0
 Maximum DB seq length: 2000000000
 Post-processing: Listing first 1000 summaries
 RESULT 10
 AAH53564/c
 ID AAH53564 standard; DNA; 345 BP.
 XX
 AC AAH53564;
 XX
 DT 03-SEP-2001 (first entry)
 XX
 DE S. epidermidis open reading frame nucleotide sequence SEQ ID NO:2521.
 XX
 KW Staphylococcus epidermidis SR1 strain; infection; diagnosis; vaccination;
 KW endocarditis; ds.
 XX
 OS Staphylococcus epidermidis.
 XX
 PN WO200134809-A2.
 XX
 PD 17-MAY-2001.
 XX
 PF 09-NOV-2000; 2000WO-US030782.
 XX
 PR 09-NOV-1999; 99US-0164258P.
 XX
 PA (GLAX) GLAXO GROUP LTD.
 XX
 PI Kimmerly WJ;
 XX
 DR WPI; 2001-316495/33.
 DR P-PSDB; AAG82714.
 XX
 PT Nucleic acids encoding polypeptides from Staphylococcus epidermidis,
 PT useful for vaccinating against infections, e.g. endocarditis.
 XX
 PS Claim 8; Page 663; 2188pp; English.
 XX
 CC AAH52304 to AAH53970 represent nucleic acids (I) encoding polypeptides
 CC (II), given in AAG81454 to AAG83120, from Staphylococcus epidermidis. (I)
 CC and (II) can have antibacterial activity and therefore can be used in
 CC vaccination. The nucleic acids (I) may be used to produce the S.
 CC epidermidis polypeptides (II) via the production of vectors containing
 CC them which are used to produce hosts cells which express the
 CC polypeptides. The polypeptides (II) (and/or nucleic acids) may then be
 CC used to vaccinate subjects and to raise antibodies against the bacteria.
 CC The polypeptides may also be used to assay for other inhibitors of their
 CC activity and therefore identify compounds that may be used for the
 CC treatment of S. epidermidis infections, e.g. endocarditis. AAH53971 to
 CC AAH55090 represent specifically claimed S. epidermidis genomic DNA
 CC polynucleotide sequences from the present invention. AAH55091 to AAH55098
 CC represent oligonucleotide sequences and primers which are used in the
 CC exemplification of the present invention. N.B. The present invention
 CC specifically claims all the polynucleotide sequences given in the
 CC sequence listing of the present specification, however the sequence
 CC listing only goes up to SEQ ID NO:4454 so even though sequences are given

